



**THE DATASHEET OF  
ET60S-A04-5-05-000-S-R1-S**



DO NOT SCALE FROM THIS PRINT

POWER OPTION (RIGHT)

- AXX: AC POWER
- DXX: DC POWER (SEE NOTE 5)
- \*\*SXX: SPLIT POWER
- 000: NO POWER (SEE NOTE 3)

ROWS

- 0: NO SIGNAL
- 3: 3 ROWS
- 5: 5 ROWS

SIGNAL POS PER ROW

- 00: NO SIGNAL
- XX: SEE NOTE 4

POWER OPTION (LEFT)

- AXX: AC POWER
- DXX: DC POWER (SEE NOTE 5)
- \*\*SXX: SPLIT POWER
- 000: NO POWER (SEE NOTE 3)

GUIDE POST

- (MUST CHOOSE ONE)
- T: TOP (NOT AVAILABLE WITH -SXX)
- S: SIDE

TAIL

- R1: FOR .062" PCB
- \*-R2: FOR .093" PCB
- RP: PRESS FIT (SIGNAL ROWS MUST BE -5)

PLATING SPECIFICATION

- L: 10 μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30 μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

(\* = NOT TOOLED)  
(\*\* = NOT RELEASED)

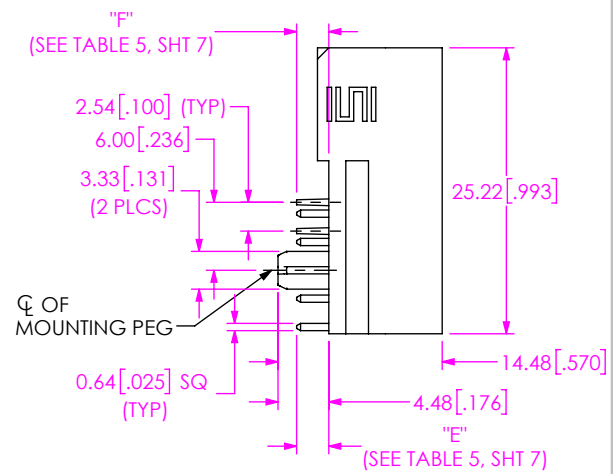
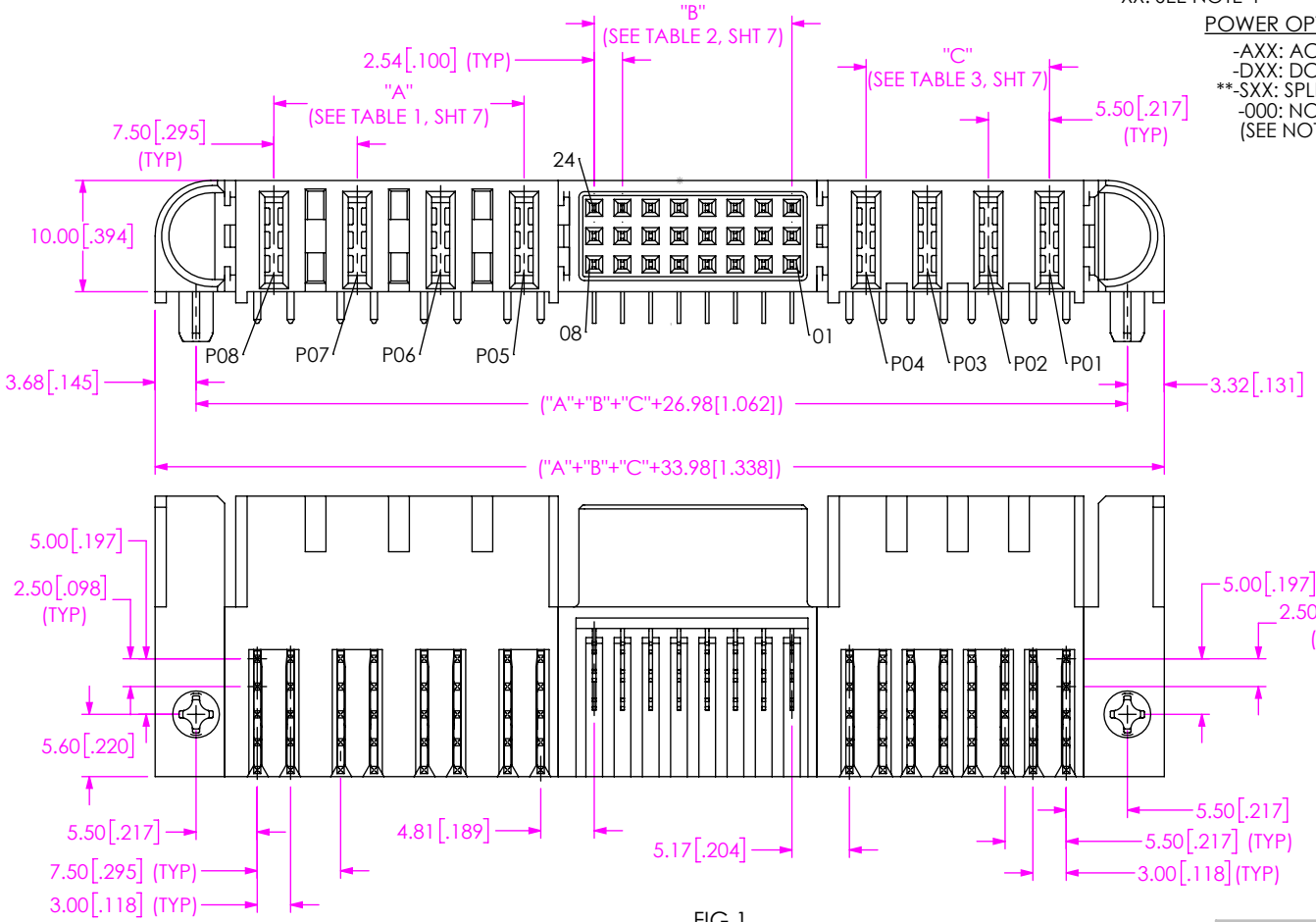
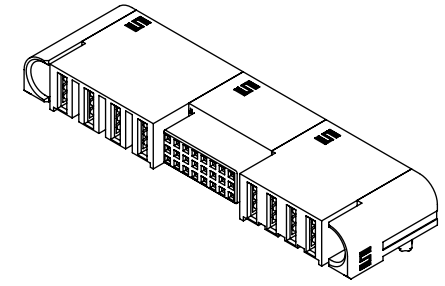


FIG 1  
ET60S-D04-3-08-A04-X-R1-S SHOWN

NOTES:

1. SEE PRODUCT SPECIFICATION FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
2. ASSEMBLIES TO BE PACKAGED IN TRAYS.
3. -AC POWER: \*-01, -02, -03, -04, -05, -06;  
-DC POWER: \*-01, -02, -03, -04, -05, -06, -07, -08, -09, -10.  
SPLIT POWER: \*-01, \*-02, \*-03.  
(\* = NOT TOOLED)
4. -3 ROWS: \*-02, \*-04, \*-06, -08, \*-10, \*-12.  
-5 ROWS: -01, -02, -03, -04, -05, -06, -07, -08.  
(\* = NOT TOOLED)
5. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.

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DO NOT SCALE DRAWING  
SHEET SCALE: 3:2

MATERIAL:  
INSULATOR: LCP, COLOR: BLACK  
SIGNAL TERMINAL: COPPER ALLOY  
POWER TERMINAL: COPPER ALLOY

**samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

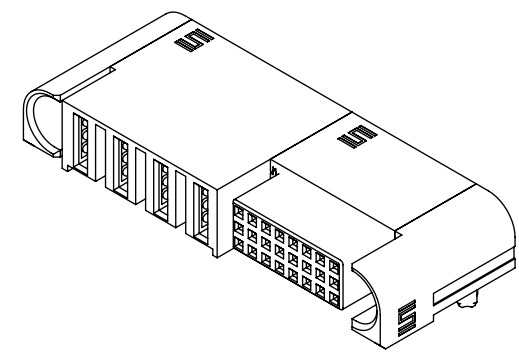
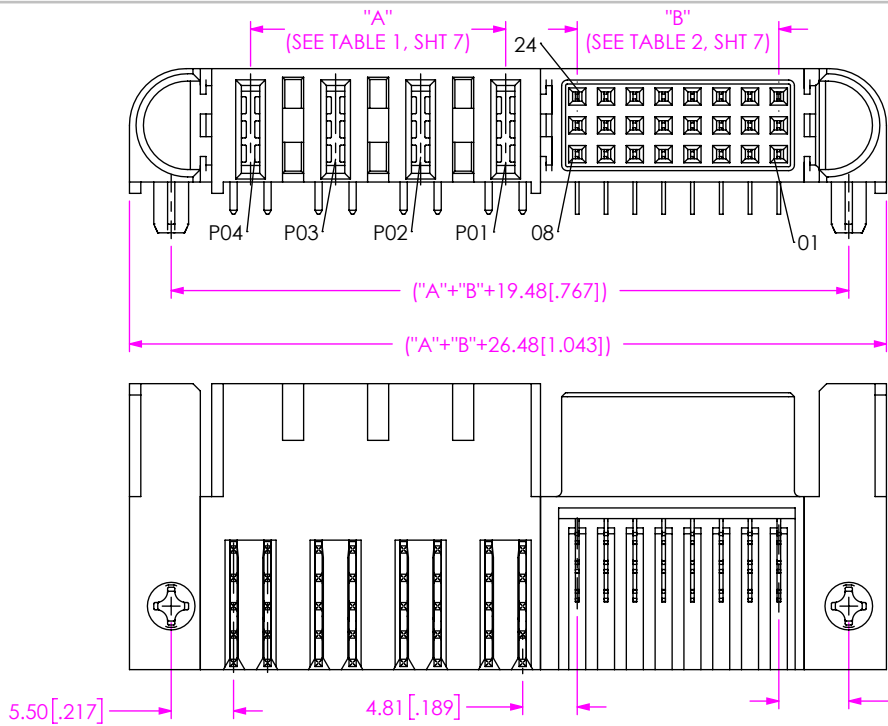


FIG 2  
ET60S-000-3-08-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

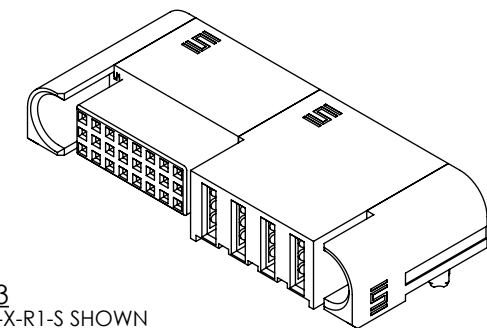
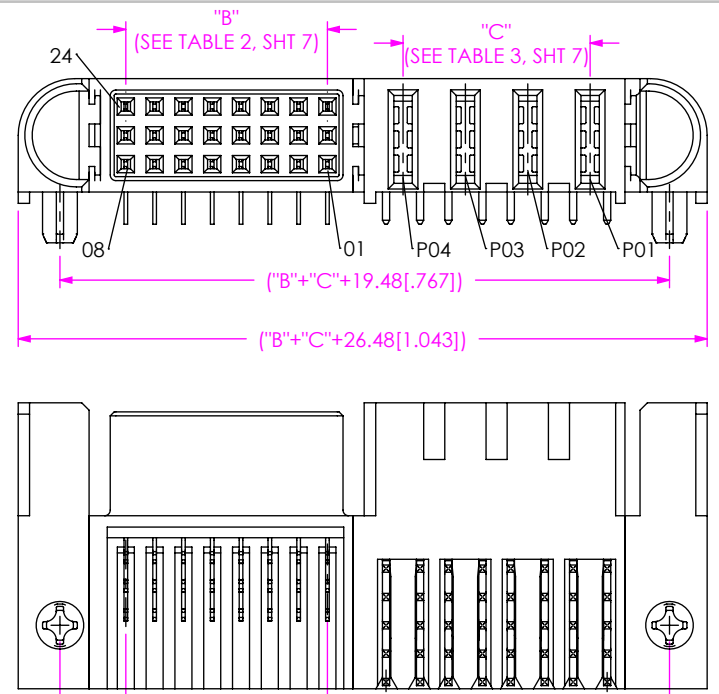


FIG 3  
ET60S-D04-3-08-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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	<p>DESCRIPTION: <b>ET60 RA POWER/ SIGNAL SOCKET</b></p>	<p>DWG. NO. <b>ET60S-XXX-X-XX-XXX-X-RX-X</b></p>
<p>SHEET SCALE: 2:1</p>	<p>BY: TOBIN Q</p>	<p>9/4/2023 SHEET 2 OF 10</p>

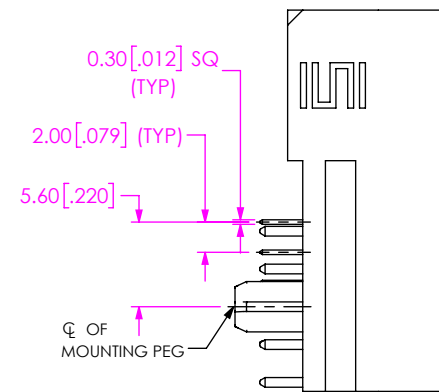
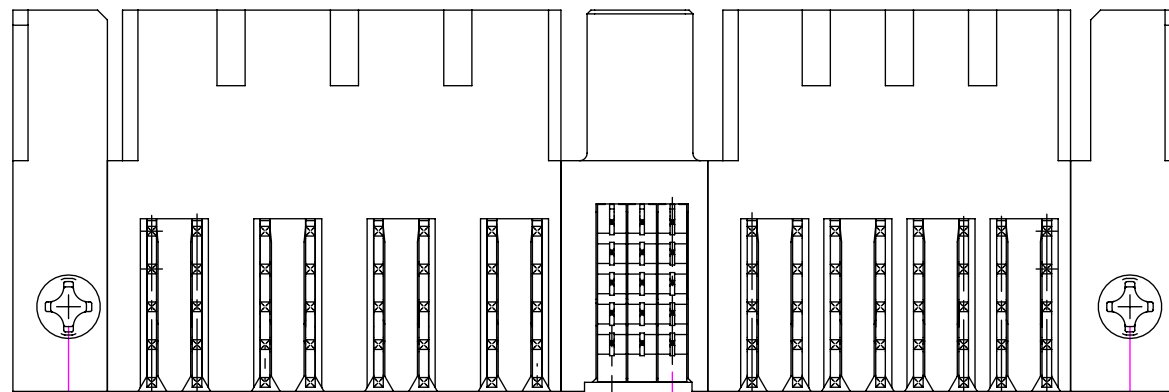
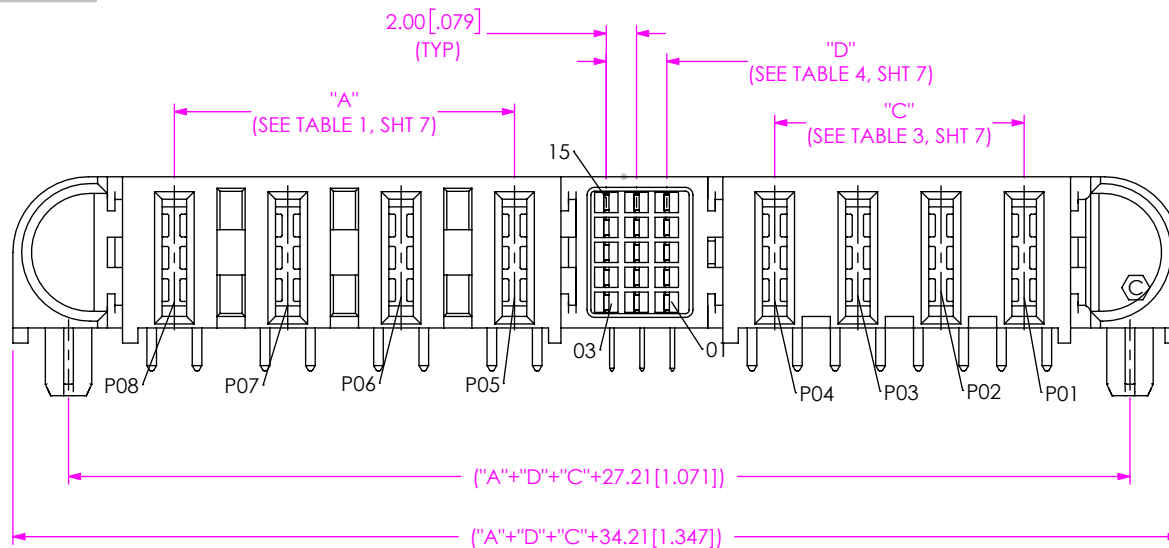
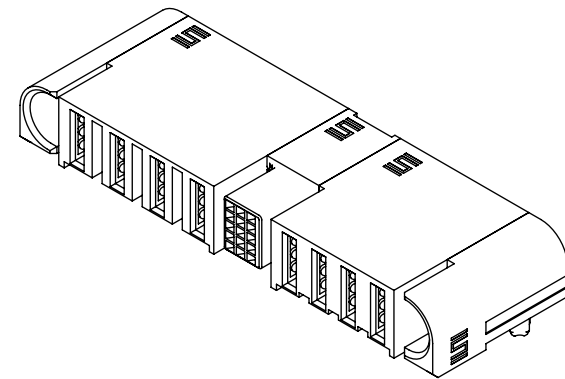


FIG 4  
ET60S-D04-5-03-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 3:2

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: TOBIN Q 9/4/2023 SHEET 3 OF 10

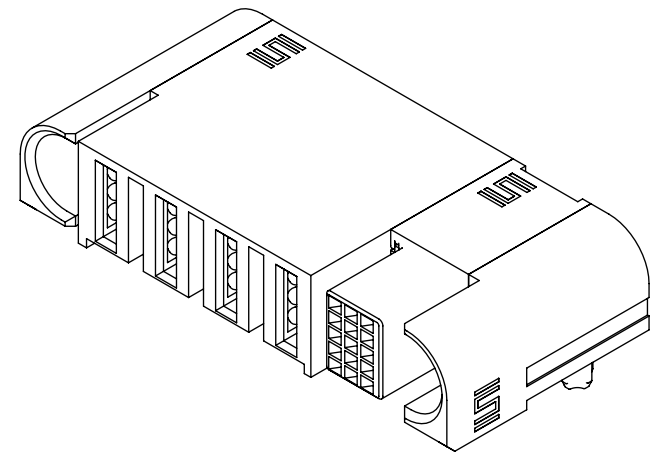
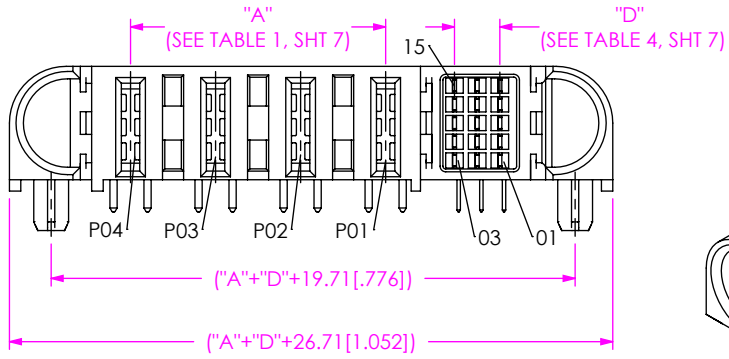


FIG 5  
ET60S-000-5-03-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

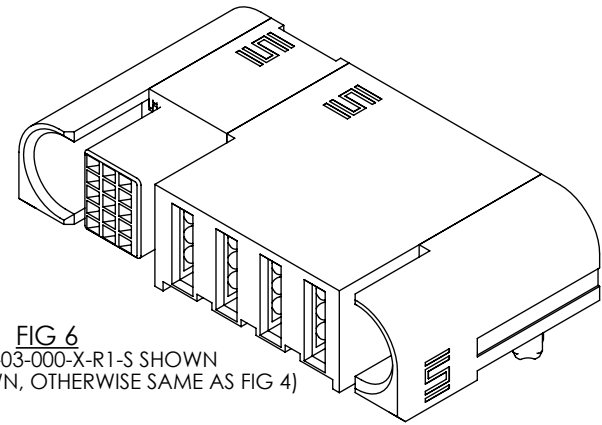
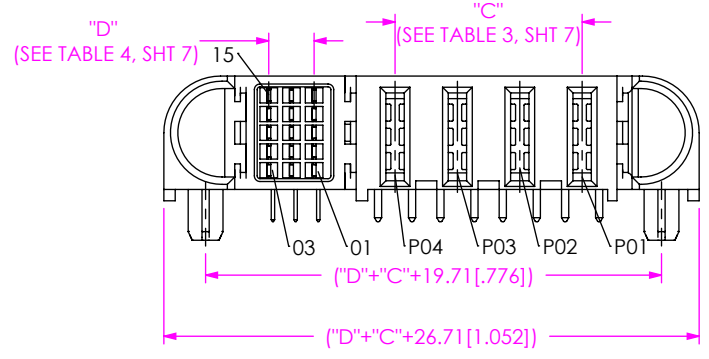
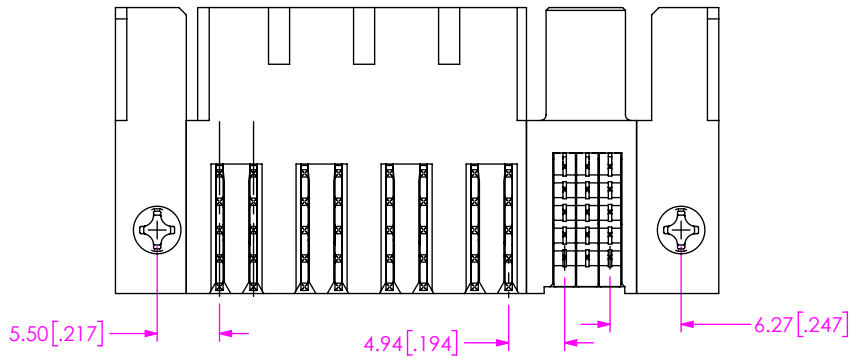
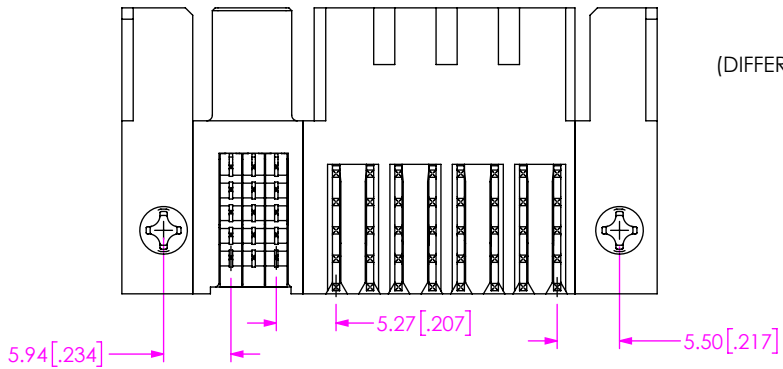


FIG 6  
ET60S-D04-5-03-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)



F:\DWG\MISC\MKTG\ET60S-XXX-X-XX-XXX-X-RX-X-MKT.SLDDRW

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	<p>DESCRIPTION: ET60 RA POWER/ SIGNAL SOCKET</p>	
	<p>DWG. NO. ET60S-XXX-X-XX-XXX-X-RX-X</p>	<p>BY: TOBIN Q 9/4/2023 SHEET 4 OF 10</p>

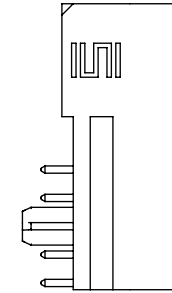
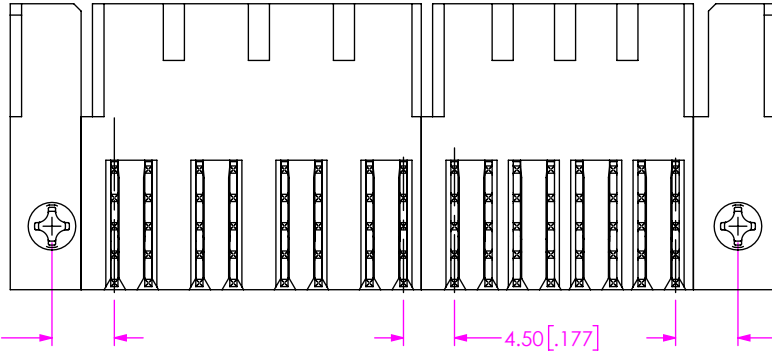
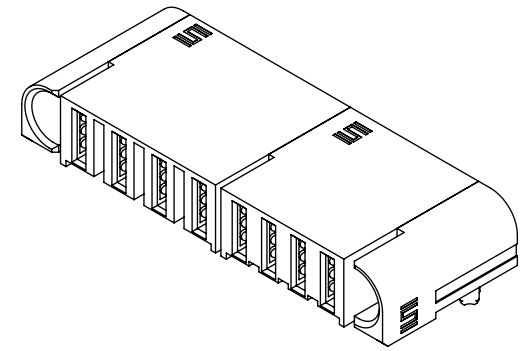
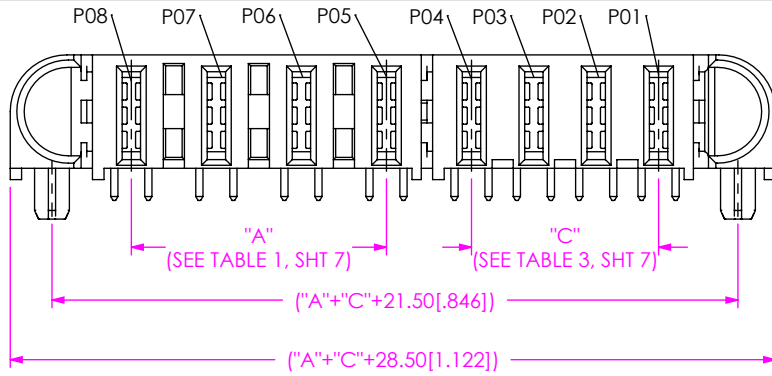


FIG 7  
ET60S-D04-0-00-A04-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

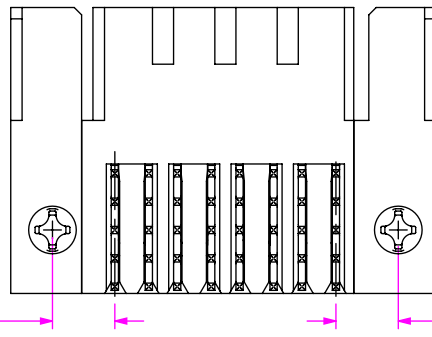
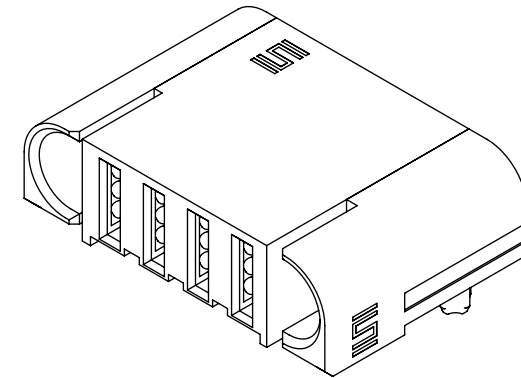
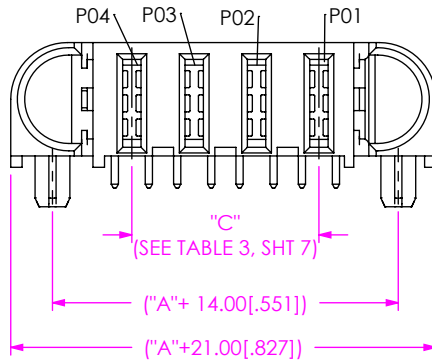


FIG 8  
ET60S-D04-0-00-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 3:2

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: TOBIN Q 9/4/2023 SHEET 5 OF 10

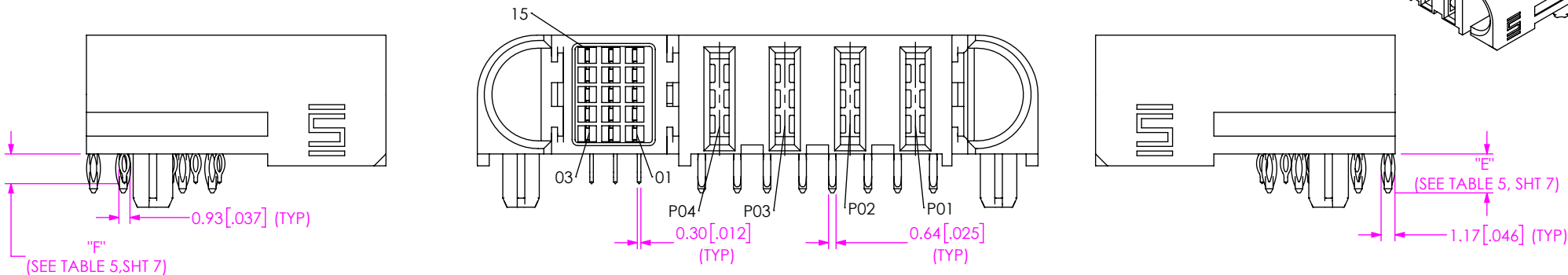
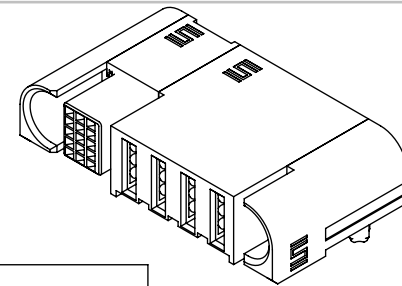


FIG 9  
ET60S-D04-5-03-000-X-RP-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

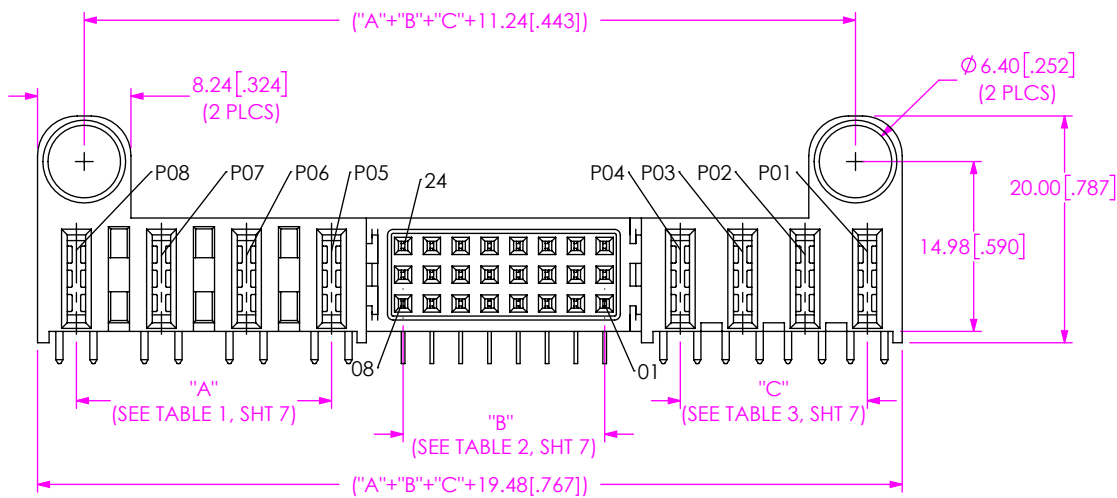
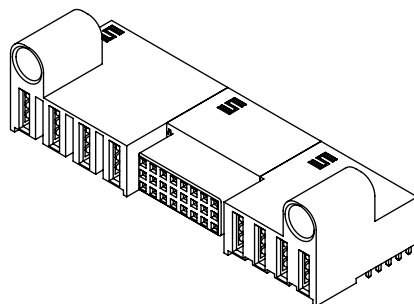


FIG 10  
ET60S-D04-3-08-A04-X-R1-T SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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	<p>SHEET SCALE: 3:2</p>	<p>DESCRIPTION: ET60 RA POWER/ SIGNAL SOCKET</p> <p>DWG. NO. ET60S-XXX-X-XX-XXX-X-RX-X</p> <p>BY: TOBIN Q      9/4/2023      SHEET 6 OF 10</p>

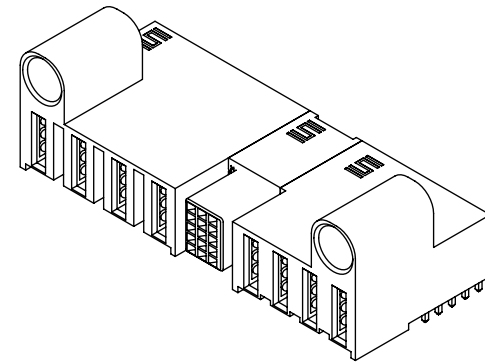
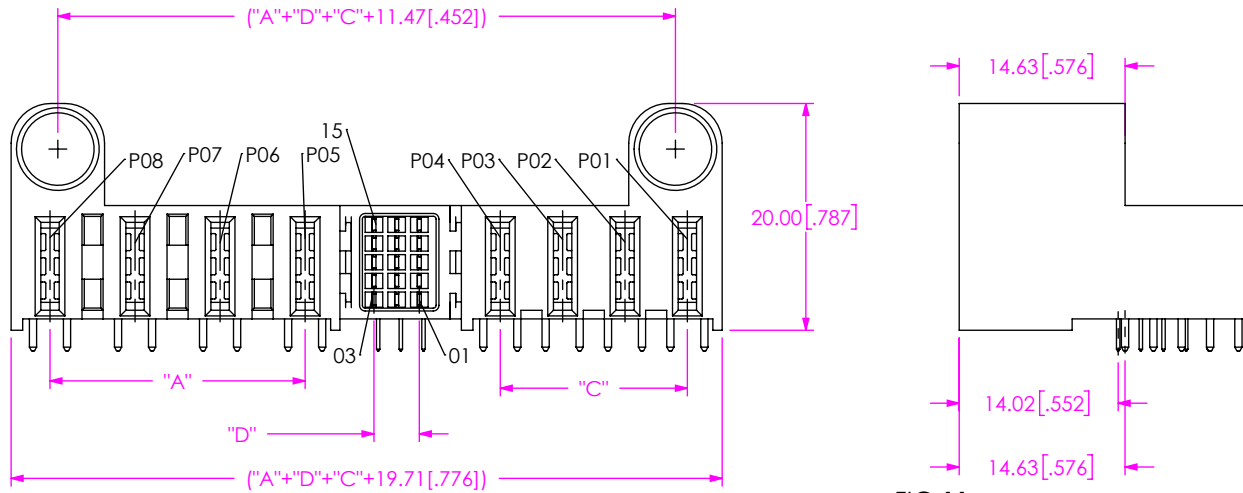


FIG 11  
ET60S-D04-5-03-A04-X-R1-T SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

TABLE 1 (SEE NOTE 3)		
POWER POS (LEFT)	"A"	
	DC POWER	AC POWER
-01	N/A	N/A
-02	5.50 [.217]	7.50 [.295]
-03	11.00 [.433]	15.00 [.591]
-04	16.50 [.650]	22.50 [.886]
-05	22.00 [.866]	30.00 [1.181]
-06	27.50 [1.083]	37.50 [1.476]
-07	33.00 [1.299]	/
-08	38.50 [1.516]	/
-09	44.00 [1.732]	/
-10	49.50 [1.949]	/

TABLE 2 (SEE NOTE 4)	
SIGNAL POS (-3 ROWS)	"B"
-02	2.54 [.100]
-04	7.62 [.300]
-06	12.70 [.500]
-08	17.78 [.700]
-10	22.86 [.900]
-12	27.94 [1.100]

TABLE 3 (SEE NOTE 3)		
POWER POS (RIGHT)	"C"	
	DC POWER	AC POWER
-01	N/A	N/A
-02	5.50 [.217]	7.50 [.295]
-03	11.00 [.433]	15.00 [.591]
-04	16.50 [.650]	22.50 [.886]
-05	22.00 [.866]	30.00 [1.181]
-06	27.50 [1.083]	37.50 [1.476]
-07	33.00 [1.299]	/
-08	38.50 [1.516]	/
-09	44.00 [1.732]	/
-10	49.50 [1.949]	/

TABLE 4 (SEE NOTE 4)	
SIGNAL POS (-5 ROWS)	"D"
-01	N/A
-02	2.00 [.079]
-03	4.00 [.157]
-04	6.00 [.236]
-05	8.00 [.315]
-06	10.00 [.394]
-07	12.00 [.472]
-08	14.00 [.551]

TABLE 6 (SEE NOTE 3)	
NO OF SPLIT POWER (LEFT)	"G"
-01	N/A
-02	8.00 [.315]
-03	16.00 [.630]
-04	24.00 [.945]

TABLE 5		
TAIL	"E"	"F"
-R1	2.84 [.112]	2.84 [.112]
-R2	3.61 [.142]	3.41 [.134]
-RP	3.28 [.129]	2.50 [.098]

TABLE 7 (SEE NOTE 3)	
NO OF SPLIT POWER (RIGHT)	"H"
-01	N/A
-02	8.00 [.315]
-03	16.00 [.630]
-04	24.00 [.945]

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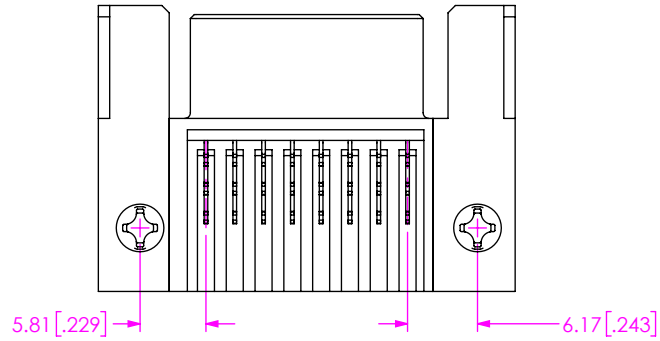
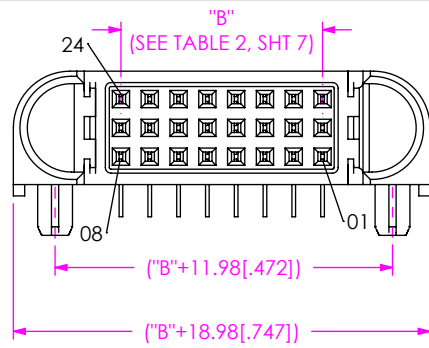
520 PARK EAST BLVD., NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

SHEET SCALE: 3:2

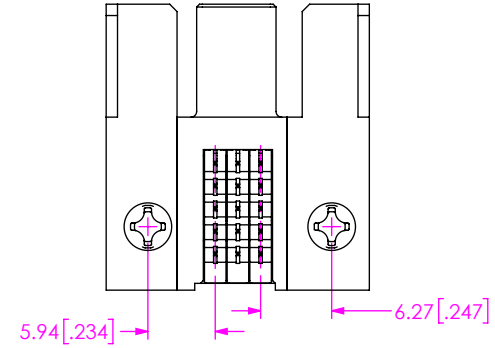
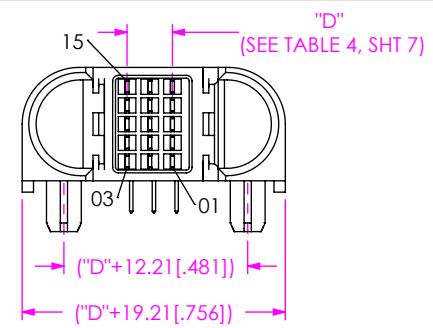
DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: TOBIN Q 9/4/2023 SHEET 7 OF 10



**FIG 12**  
 ET60S-000-3-08-000-X-R1-S SHOWN  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**FIG 13**  
 ET60S-000-5-03-000-X-R1-S SHOWN  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)

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 e-Mail info@SAMTEC.com code 55322

SHEET SCALE: 3:2

DESCRIPTION:  
 ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
 ET60S-XXX-X-XX-XXX-X-RX-X

BY: TOBIN Q 9/4/2023 SHEET 8 OF 10

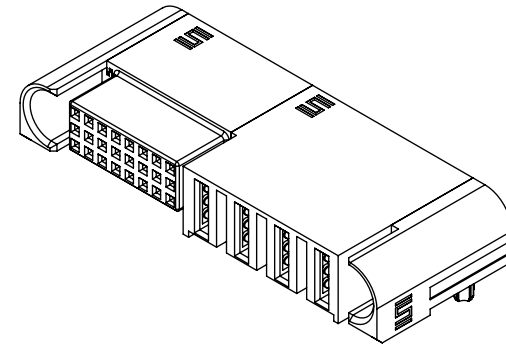
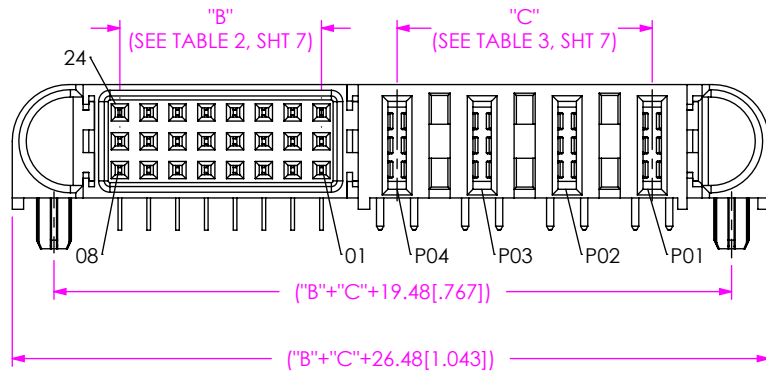
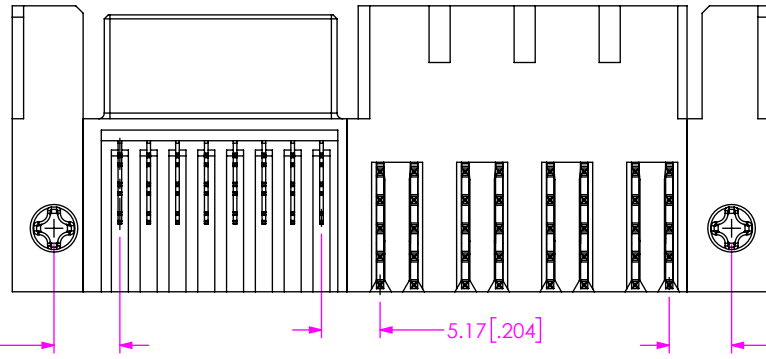


FIG 14  
ET60S-A04-3-08-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



5.81 [.229] 5.17 [.204] 5.50 [.217]

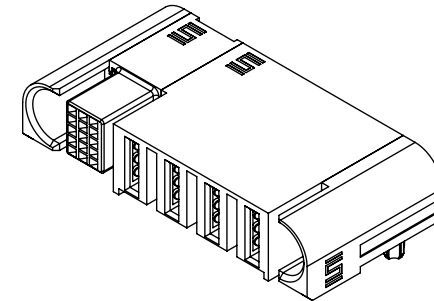
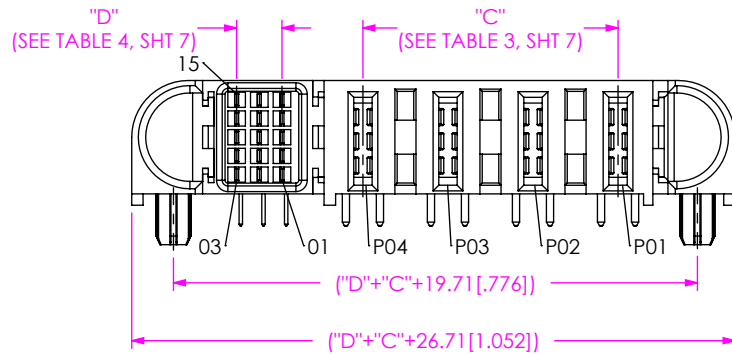
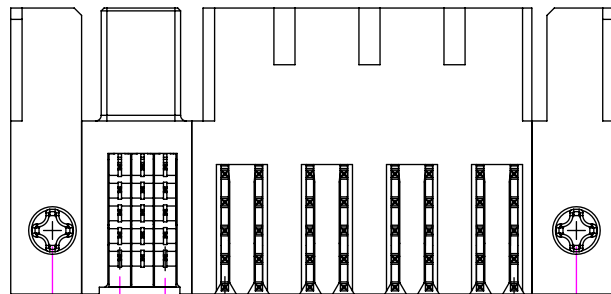


FIG 15  
ET60S-A04-5-03-000-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



5.94 [.234] 5.27 [.207] 5.50 [.217]

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SHEET SCALE: 1.5:1

DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
ET60S-XXX-X-XX-XXX-X-RX-X

BY: TOBIN Q 9/4/2023 SHEET 9 OF 10

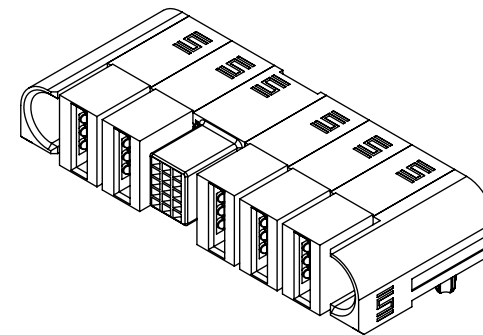
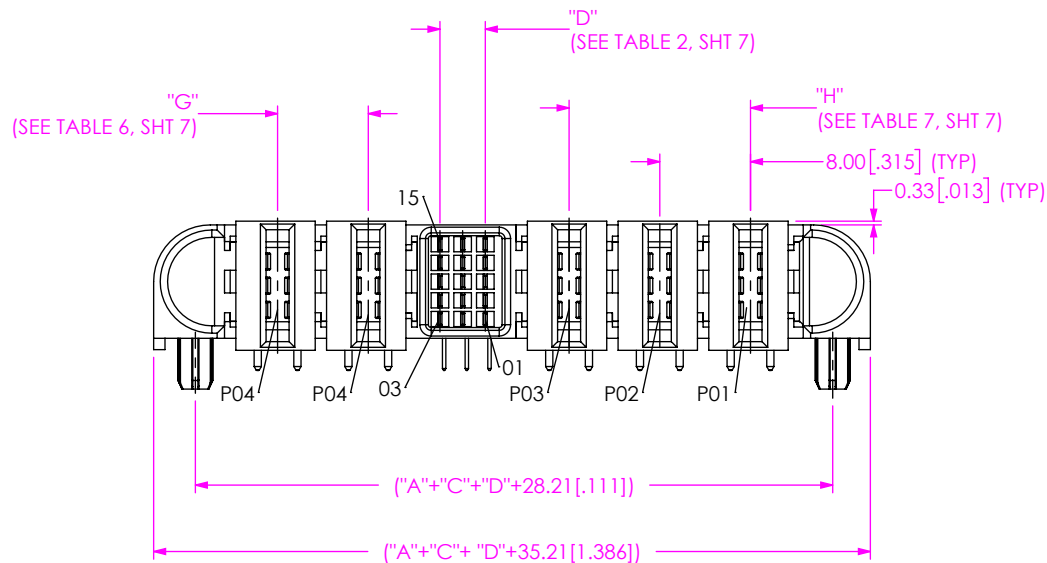
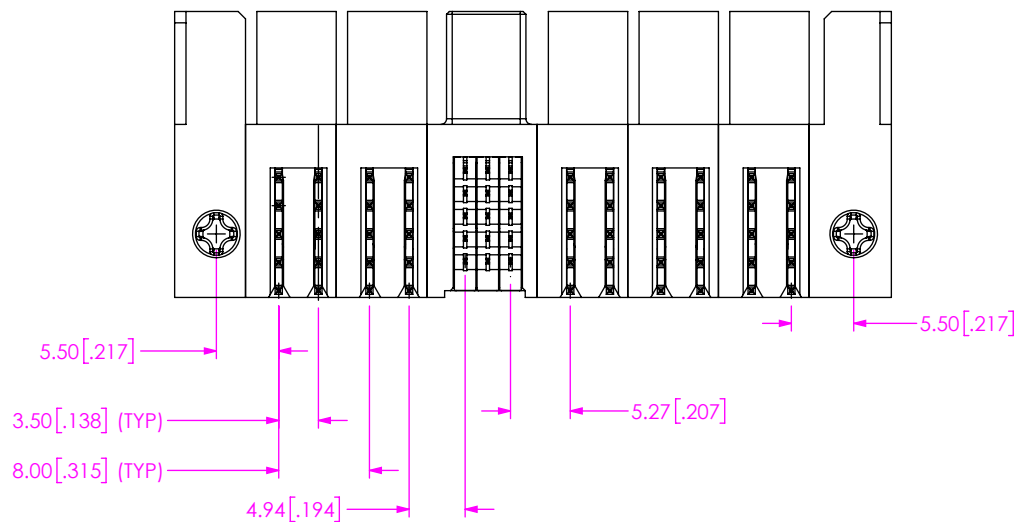


FIG 16  
ET60S-S03-5-03-S02-X-R1-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)



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DESCRIPTION:  
ET60 RA POWER/ SIGNAL SOCKET

DWG. NO.  
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